

<400>

## SEQUENCE LISTING

```
<110> Diamond, Don J.
<120> ADJUVANT-FREE PEPTIDE VACCINE
<130> 1954-410
<140>
      US 10/603,094
      2003-06-25
<141>
<150> US 60/391,088
<151>
      2002-06-25
<160> 22
<170> PatentIn version 3.4
<210>
      1
<211>
      9
<212> PRT
<213> Human cytomegalovirus
<400> 1
Asn Leu Val Pro Met Val Ala Thr Val
<210> 2
<211> 13
<212> PRT
<213>
      Artificial
<220>
<223>
      PADRE epitope
<220>
<221> MISC_FEATURE
<222>
      (3)..(3)
<223> Xaa= cyclohexylalanine
<400> 2
Ala Lys Xaa Val Ala Ala Trp Thr Leu Lys Ala Ala Ala
                5
1
<210>
       3
      13
<211>
<212>
      PRT
<213>
      Tetanus
```

```
Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu
                5
<210> 4
<211> 14
<212> PRT
<213> Tetanus
<400> 4
Val Ser Thr Ile Val Pro Tyr Ile Gly Pro Ala Leu Asn Ile
                                    10
<210> 5
<211> 25
<212> PRT
<213> Artificial Sequence
<220>
 <223> K25V peptide
<220>
 <221> MISC FEATURE
       (6)..(6)
 <222>
 <223> Xaa= cyclohexylalanine
 <400> 5
 Lys Ser Ser Ala Lys Xaa Val Ala Ala Trp Thr Leu Lys Ala Ala Ala
                                     10
                 5
 Asn Leu Val Pro Met Val Ala Thr Val
             20
 <210> 6
 <211> 28
 <212> PRT
 <213> Artificial Sequence
 <220>
       KTet830V fusion peptide
 <223>
 <400> 6
 Lys Ser Ser Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu
                                                          15
 1
```

Ala Ala Ala Asn Leu Val Pro Met Val Ala Thr Val

20 25

```
<210> 7
<211> 26
<212> PRT
<213> Artificial Sequence
<220>
<223> Ktet639V fusion peptide
<400> 7
Val Ser Thr Ile Val Pro Tyr Ile Gly Pro Ala Leu Asn Ile Ala Ala
                                                        15
                                    10
                5
Ala Asn Leu Val Pro Met Val Ala Thr Val
<210> 8
<211> 20
<212> DNA
      Artificial Sequence
<213>
<220>
       DNA Adjuvant
<223>
<400> 8
                                                                       20
tccatgacgt tcctgacgtt
<210> 9
<211> 23
<212>
      DNA
<213>
      Artificial Sequence
<220>
<223>
      DNA Adjuvant
<400> 9
                                                                       23
tcgtcgtttt gtcgttttgt cgt
<210> 10
<211>
       19
<212>
       DNA
      Artificial Sequence
<220>
<223>
       DNA Adjuvant
<400> 10
                                                                       19
gggggacgat cgtcggggg
```

```
<210> 11
 <211> 41
 <212> DNA
 <213> Artificial Sequence
 <220>
<223> PCR Primer
 <400> 11
                                                                      41
 cagtcagcta gcgtttaaac atgcagatct tcgtgaagac c
 <210> 12
 <211> 47
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> PCR Primer
 <400> 12
                                                                       47
 ggacaacggc gaccgcgcga ctccctaccc cccctcaagc gcaggac
 <210> 13
 <211> 47
 <212>
        DNA
 <213> Artificial Sequence
 <220>
 <223> PCR Primer
 <400> 13
                                                                       47
 gtcctgcgct tgagggggg tagggagtcg cgcggtcgcc gttgtcc
 <210> 14
 <211> 34
 <212> DNA
 <213>
        Artificial Sequence
 <220>
 <223> PCR Primer
 <400> 14
                                                                       34
 ccgggtacct caacctcggt gctttttggg cgtc
 <210> 15
 <211> 12
 <212> PRT
 <213> Human cytomegalovirus
```

```
<400> 15
Ser Val Leu Gly Pro Ile Ser Gly His Val Leu Lys
<210> 16
<211> 11
<212> PRT
<213>
      Human cytomegalovirus
<400> 16
Phe Val Phe Pro Thr Lys Asp Val Ala Leu Arg
               5
<210> 17
<211> 8
<212> PRT
<213> Human cytomegalovirus
<400> 17
Phe Pro Thr Lys Asp Val Ala Leu
               5
<210> 18
<211> 11
<212> PRT
<213> Human cytomegalovirus
<400> 18
Arg Pro His Glu Arg Asn Gly Phe Thr Val Leu
<210> 19
<211> 11
<212> PRT
<213> Human cytomegalovirus
<400> 19
Tyr Ser Glu His Pro Thr Phe Thr Ser Gln Tyr
                                    10
<210> 20
<211> 11
<212> PRT
<213> Human cytomegalovirus
```

```
<400> 20
```

Phe Thr Ser Gln Tyr Arg Ile Gln Gly Lys Leu 1  $\phantom{000}5\phantom{000}$  10

- <210> 21
- <211> 13
- <212> PRT
  - <213> Human cytomegalovirus

## <400> 21

Pro Thr Phe Thr Ser Gln Tyr Arg Ile Gln Gly Lys Leu 1 5 10

- <210> 22
- <211> 10
- <212> PRT
- <213> Human cytomegalovirus

## <400> 22

Thr Pro Arg Val Thr Gly Gly Gly Ala Met 1 5 10